

Patent Abstracts of Japan

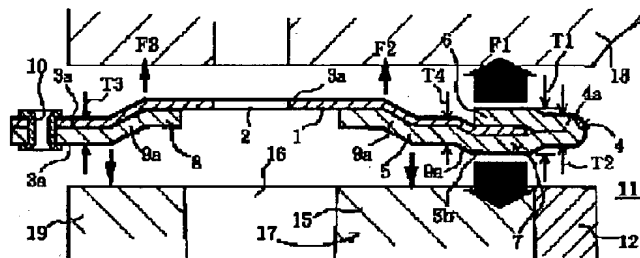
PUBLICATION NUMBER : 10281290
PUBLICATION DATE : 23-10-98
APPLICATION DATE : 03-04-97
APPLICATION NUMBER : 09084885

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INT.CL. : F16J 15/08 F02F 11/00

TITLE : METALLIC GASKET



ABSTRACT : PROBLEM TO BE SOLVED: To provide a high durability metallic gasket to be located between the mating surfaces of an open deck type cylinder block and a cylinder head, and the cylinder block being formed such that a cooling water passage is formed in an endless state in the outer periphery of a cylinder part provided at an inner periphery with a casting type cylinder sleeve or a cylinder liner with a flange and surrounding a cylinder hole.

SOLUTION: A grommet 4 is arranged along the inner periphery of the cylinder hole 11 of a base sheet 1 located between the cylinder part 15 of a cylinder block 17 and an outer wall part 19 forming the outside of a cooling water passage 16. The grommet 4 is provided with an extension piece 5 and a folded piece 6 located on the cylinder head 18 side. The folded piece 6 has an outer periphery located closer to the outside of a cylinder sleeve 12. A total thickness obtained by overlapping together the extension piece 5 and the base sheet 1 is increased to a value higher than that of other portion. Beads are formed on the base sheet 1 and the grommet 4 between the outside of the folded piece 6 and the outer periphery of the cylinder part 15 of the cylinder block 17.

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